



**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**USING DEUTERATED SOURCE GASSES TO FABRICATE LOW LOSS GeSiON  
SiON WAVEGUIDES**

(Attorney Docket No. 064951-0204)

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 06/30/2003 as United States Application Number or PCT International Application Number 10/608,432 and was amended on \_\_\_\_\_ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear,

concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number
09/693,445		10/20/2000	

I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

**Customer Number: 22428**

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Andrew E. Rawlins  
FOLEY & LARDNER  
**Customer Number: 22428**

Telephone: (202) 672-5349  
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

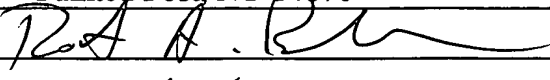
Name of first inventor	Robert BELLMAN
Residence	Painted Post, NY
Citizenship	United States
Post Office Address	108 Weston Lane Painted Post, NY 14870
Inventor's signature	
Date	
Name of second inventor	Ikerionwu A. AKWANI
Residence	Corning, NY
Citizenship	Nigeria
Post Office Address	137 Field Street, #5 Corning, NY 14830
Inventor's signature	
Date	
Name of third inventor	Paul A. SACHENIK
Residence	Corning, NY
Citizenship	United States
Post Office Address	11130 Hunt Lane Corning, NY 14830
Inventor's signature	
Date	
Name of fourth inventor	Thomas P. GRANDI
Residence	Corning, NY
Citizenship	United States
Post Office Address	11046 <del>11122</del> River Road Corning, NY 14830
Inventor's signature	<i>Thomas P. Grandi</i>
Date	10/10/03

Name of first inventor Robert BELLMAN  
 Residence Painted Post, NY  
 Citizenship United States  
 Post Office Address 108 Weston Lane  
 Painted Post, NY 14870  
 Inventor's signature  
 Date

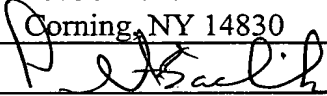
Name of second inventor Ikerionwu A. AKWANI  
 Residence Corning, NY  
 Citizenship ~~(1-A) Nigeria~~ United States  
 Post Office Address ~~(1-A) 137 Field Street, #5~~ 2417 W- Madera CT  
 Corning, NY 14830 Peoria IL 61614  
 Inventor's signature Ikerionwu Akwani  
 Date 10/27/03

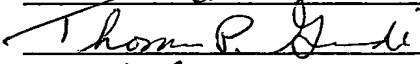
Name of third inventor Paul A. SACHENIK  
 Residence Corning, NY  
 Citizenship United States  
 Post Office Address 11130 Hunt Lane  
 Corning, NY 14830  
 Inventor's signature  
 Date

Name of fourth inventor Thomas P. GRANDI  
 Residence Corning, NY  
 Citizenship United States  
 Post Office Address 1104 ~~11122~~ River Road  
 Corning, NY 14830  
 Inventor's signature Thomas P. Grandi  
 Date 10/10/03

Name of first inventor Robert BELLMAN  
Residence Painted Post, NY  
Citizenship United States  
Post Office Address 108 Weston Lane  
Painted Post, NY 14870  
Inventor's signature   
Date 10/17/2003

Name of second inventor Ikerionwu A. AKWANI  
Residence Corning, NY  
Citizenship Nigeria  
Post Office Address 137 Field Street, #5  
Corning, NY 14830  
Inventor's signature  
Date

Name of third inventor Paul A. SACHENIK  
Residence Corning, NY  
Citizenship United States  
Post Office Address 11130 Hunt Lane  
Corning, NY 14830  
Inventor's signature   
Date 10/17/03

Name of fourth inventor Thomas P. GRANDI  
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Inventor's signature   
Date 10/10/03